

Fig. 1

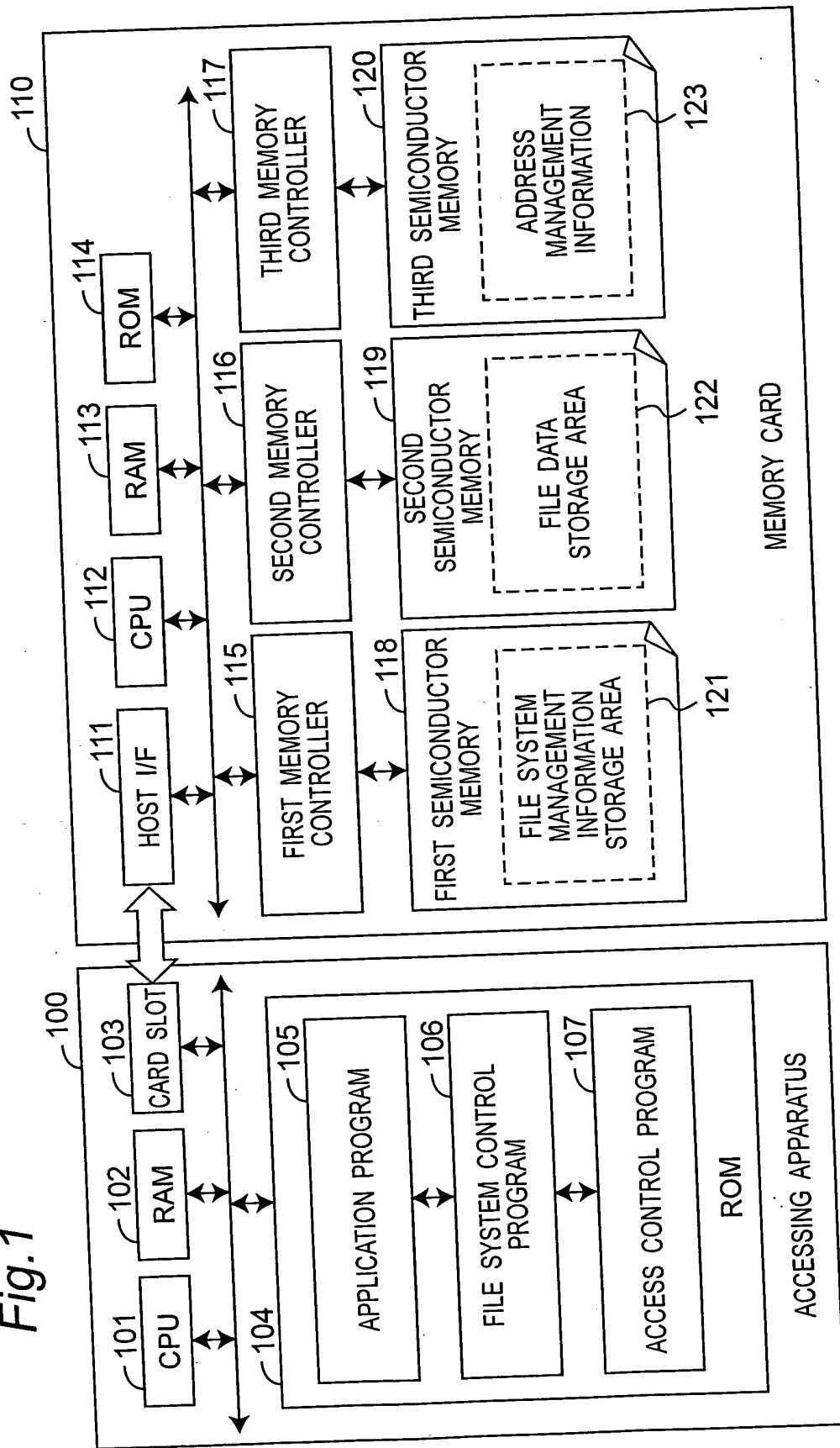


Fig.2

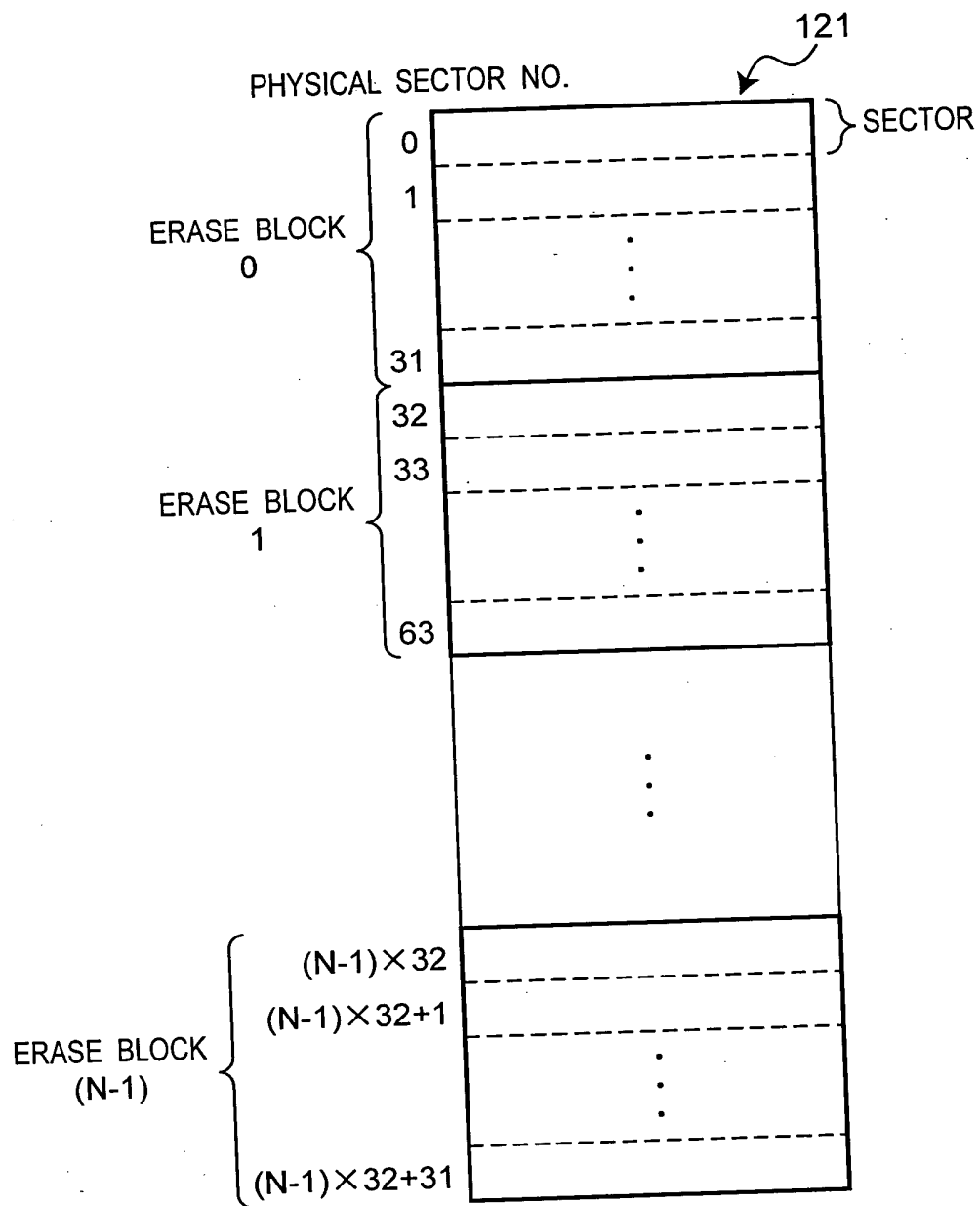


Fig.3

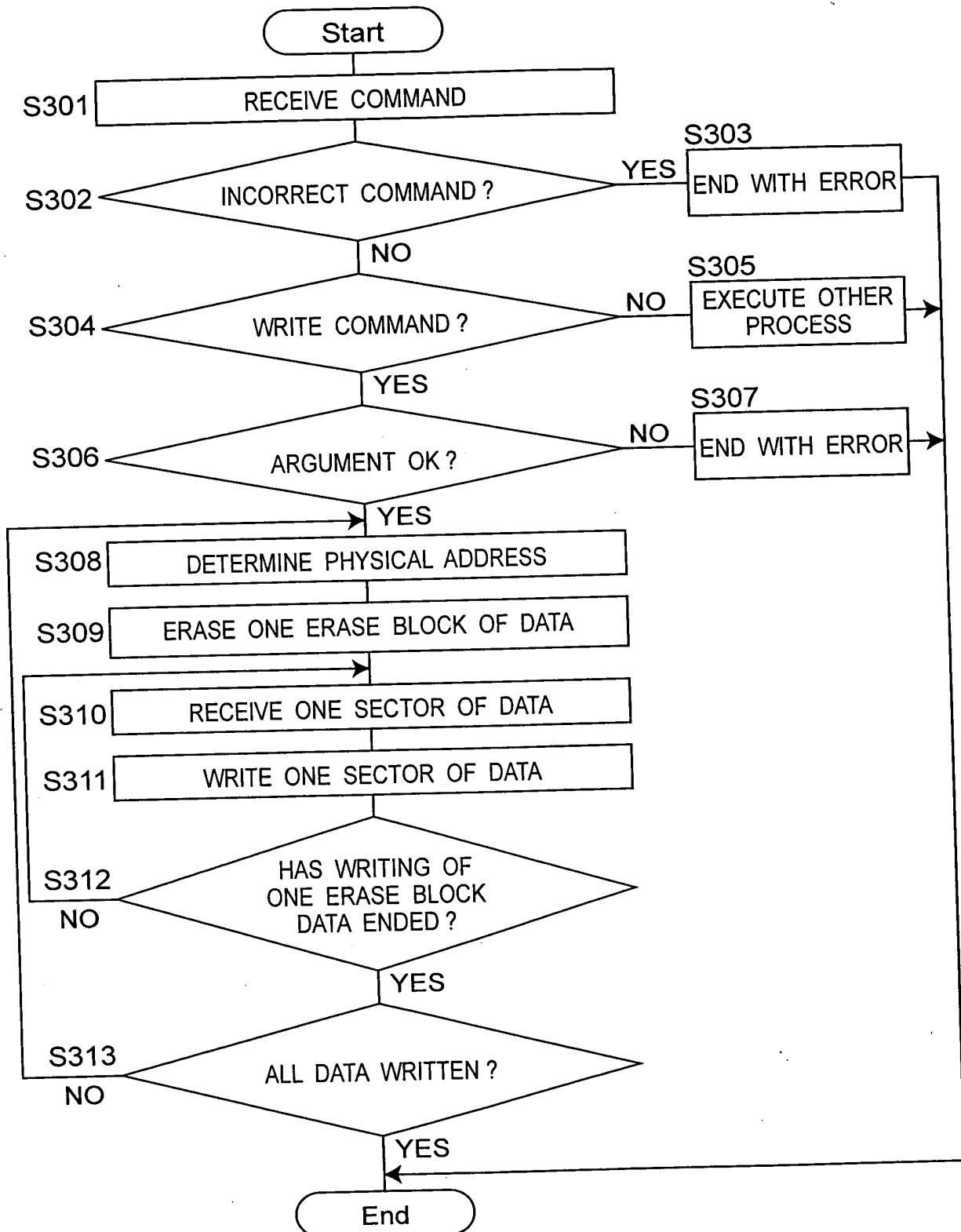


Fig. 4

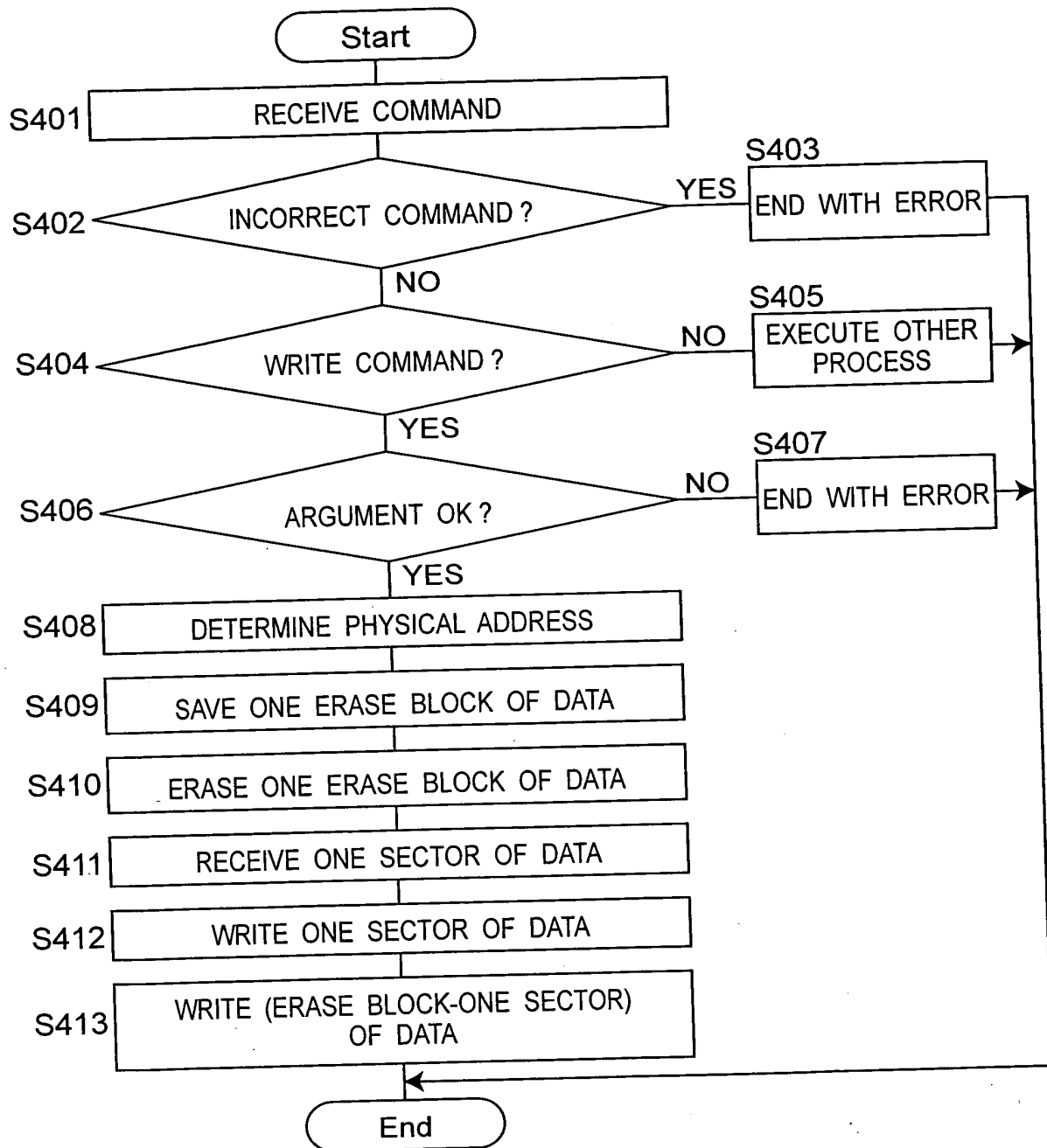


Fig. 5

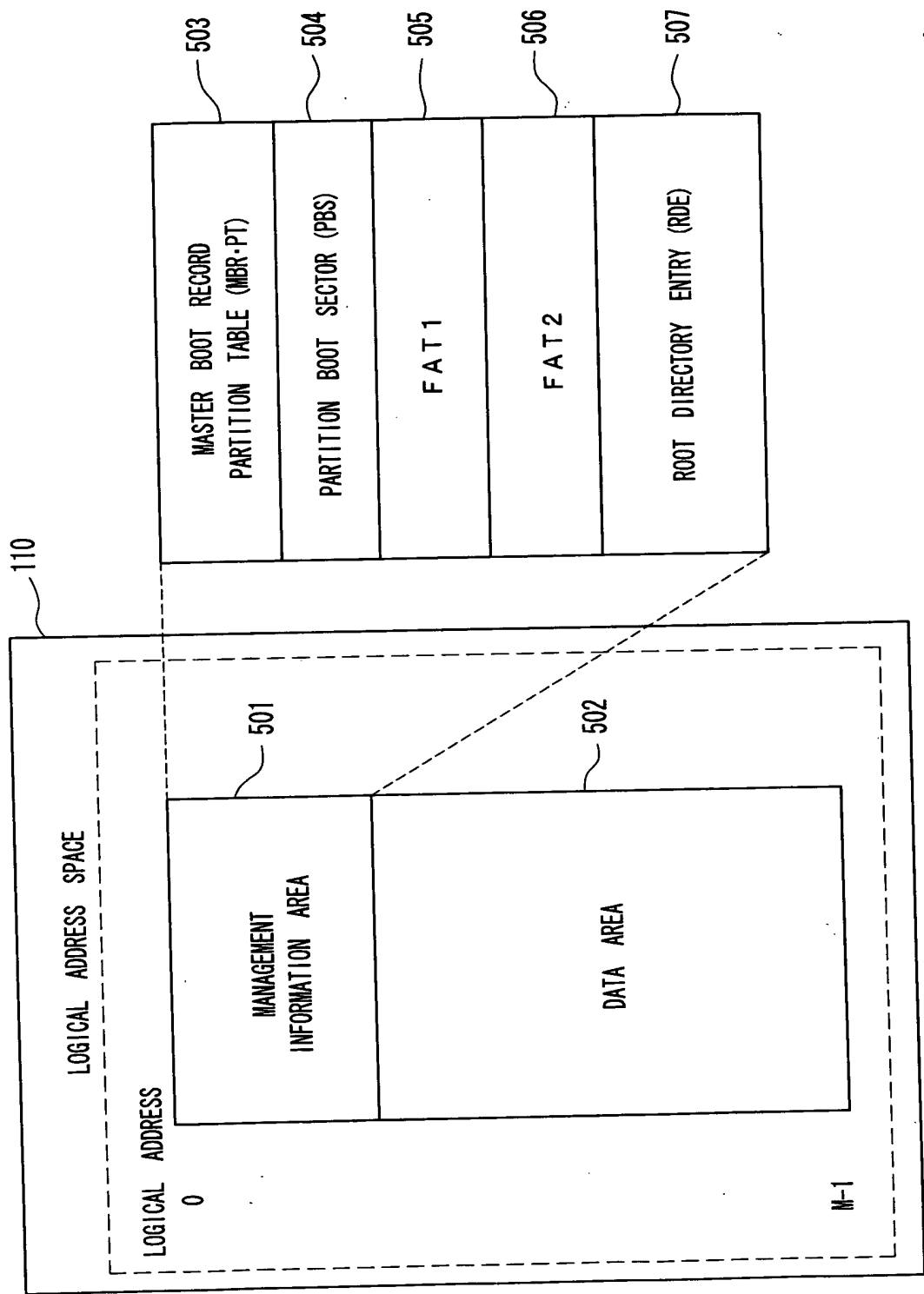


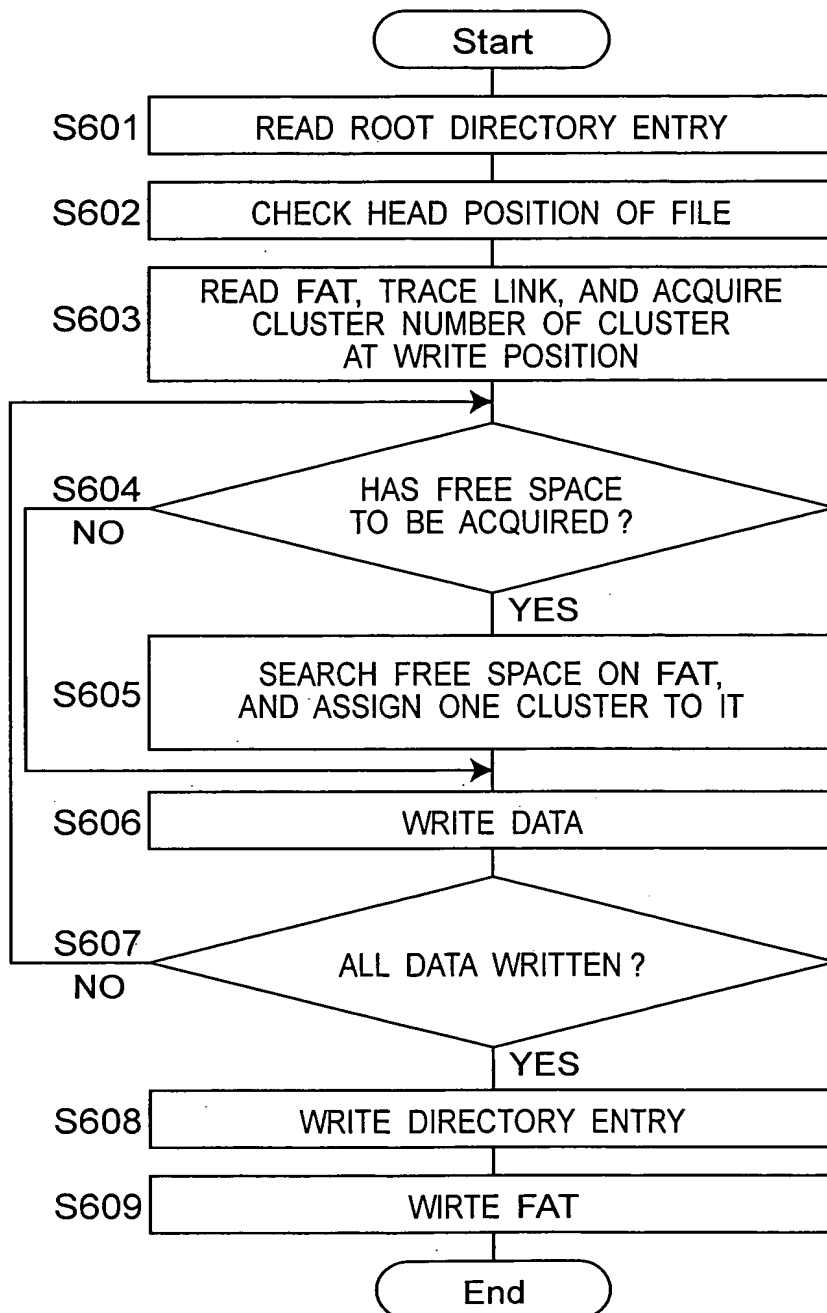
Fig.6

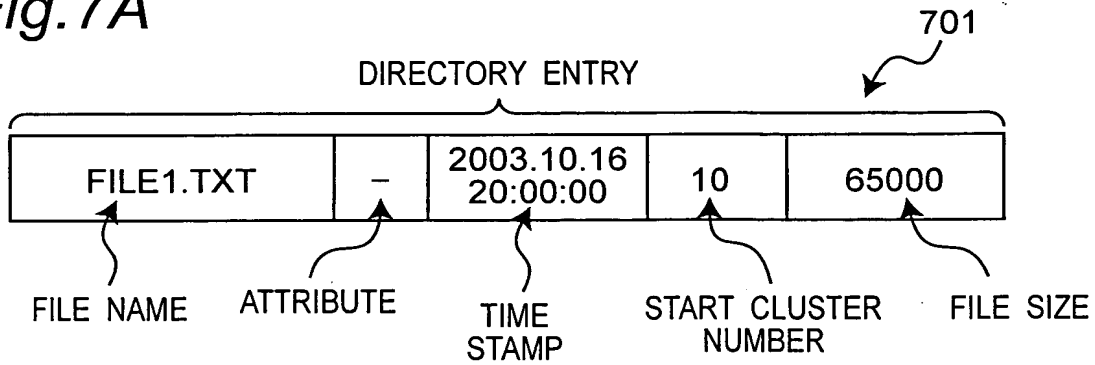
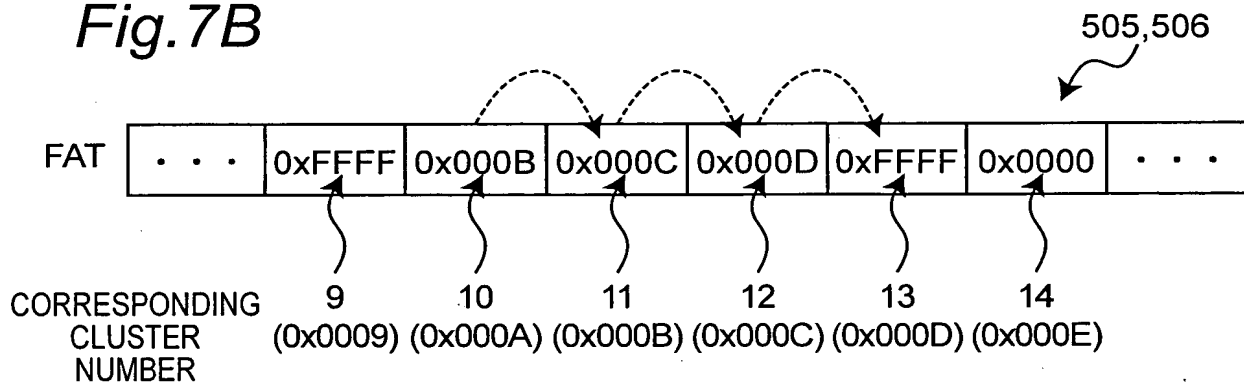
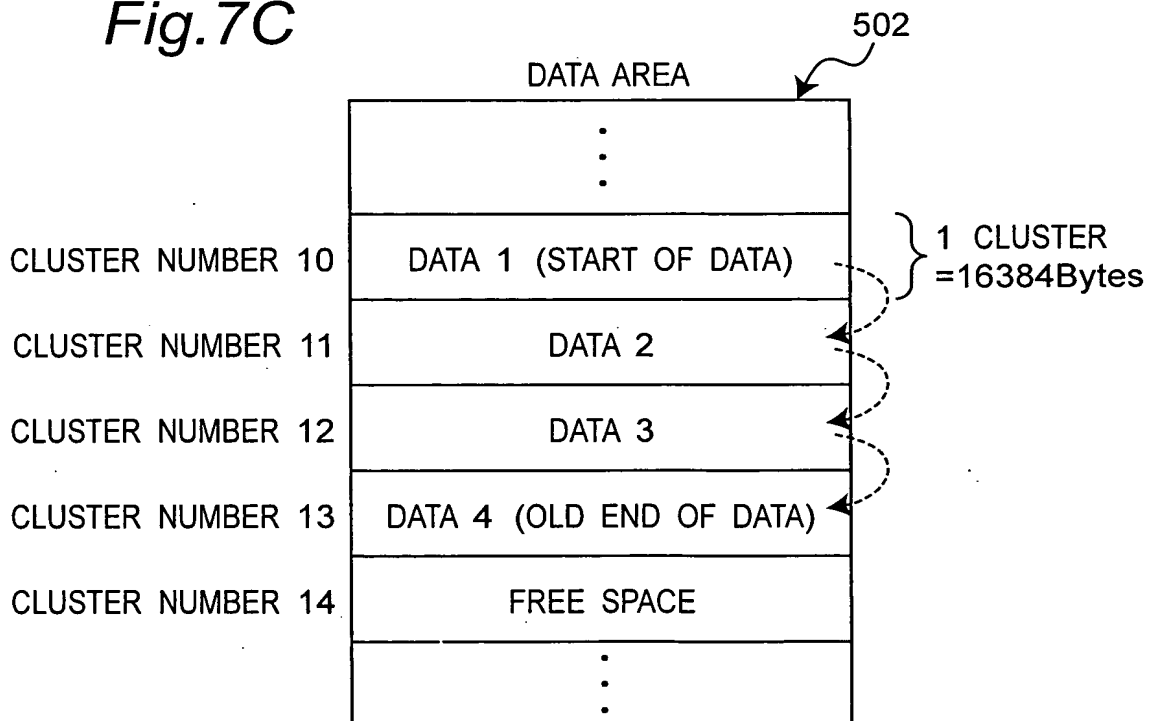
Fig. 7A*Fig. 7B**Fig. 7C*

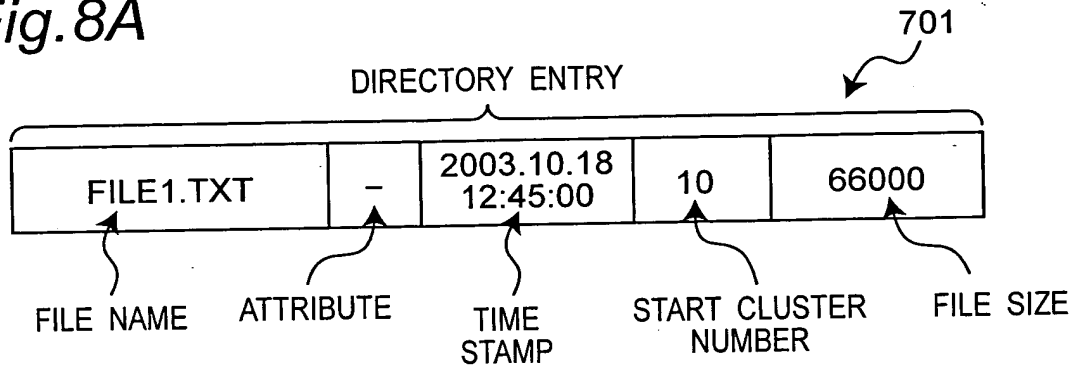
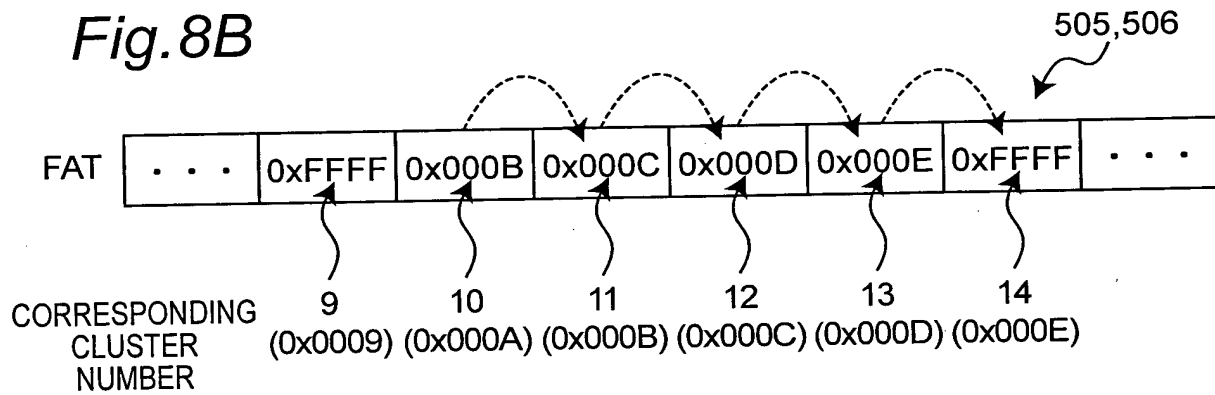
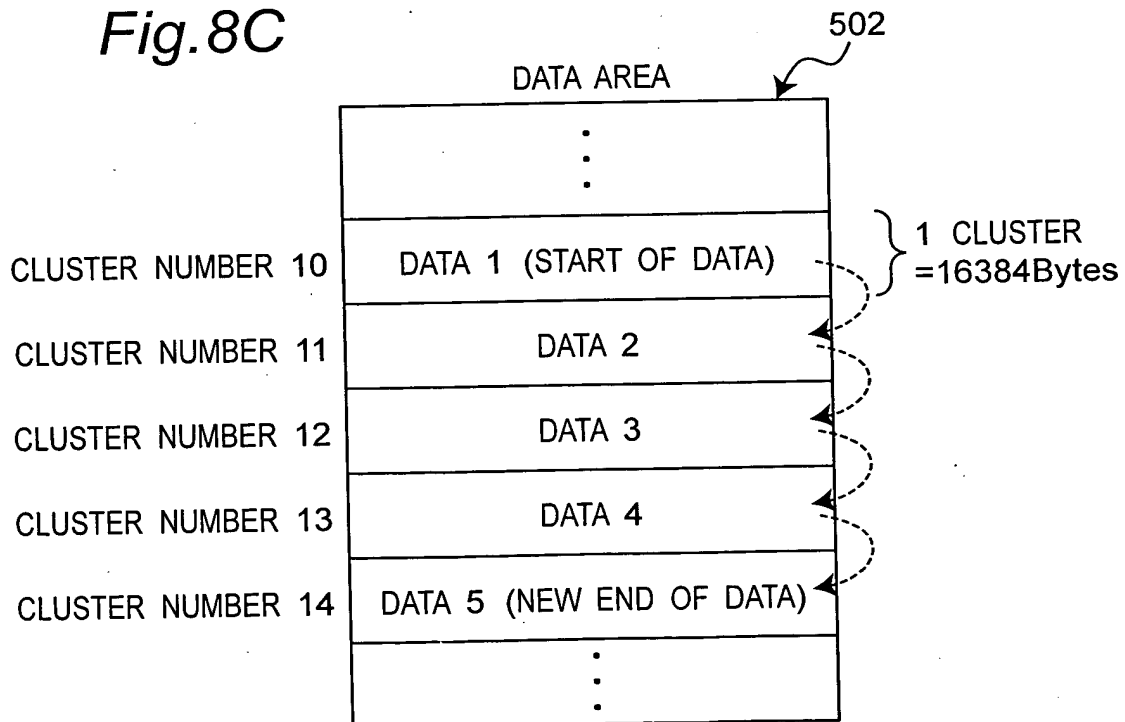
Fig.8A*Fig.8B**Fig.8C*

Fig.9

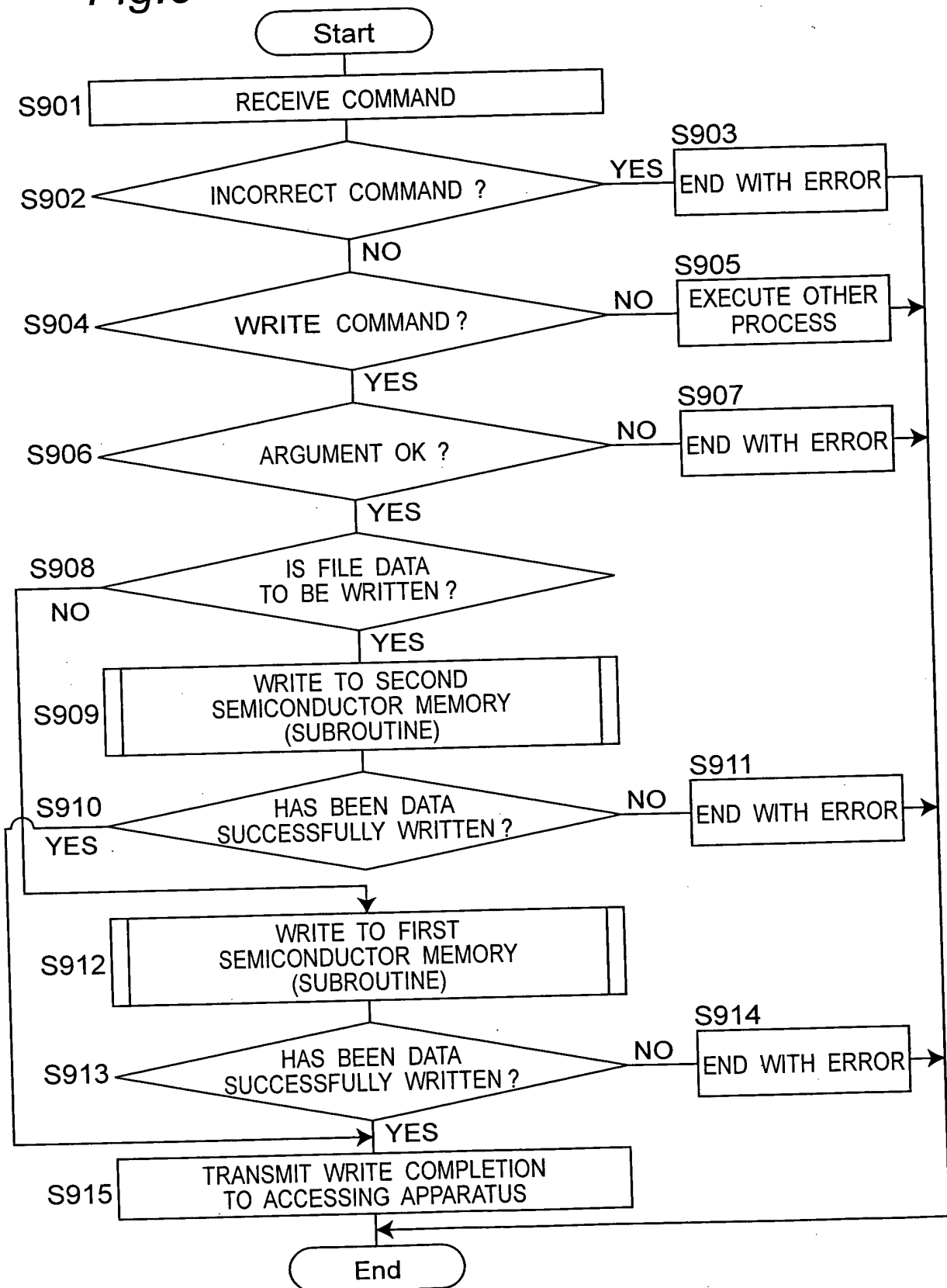


Fig.10

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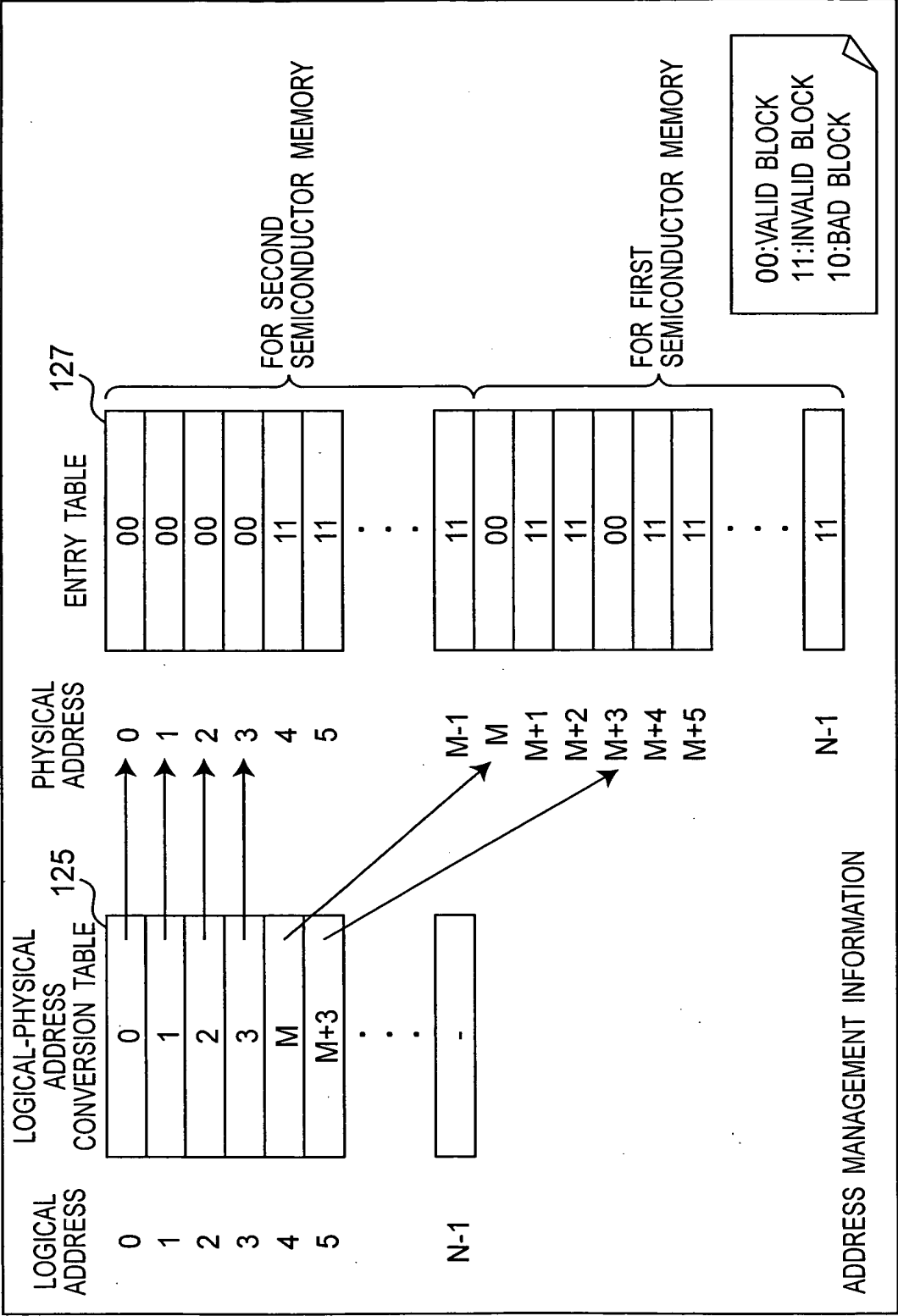


Fig.11

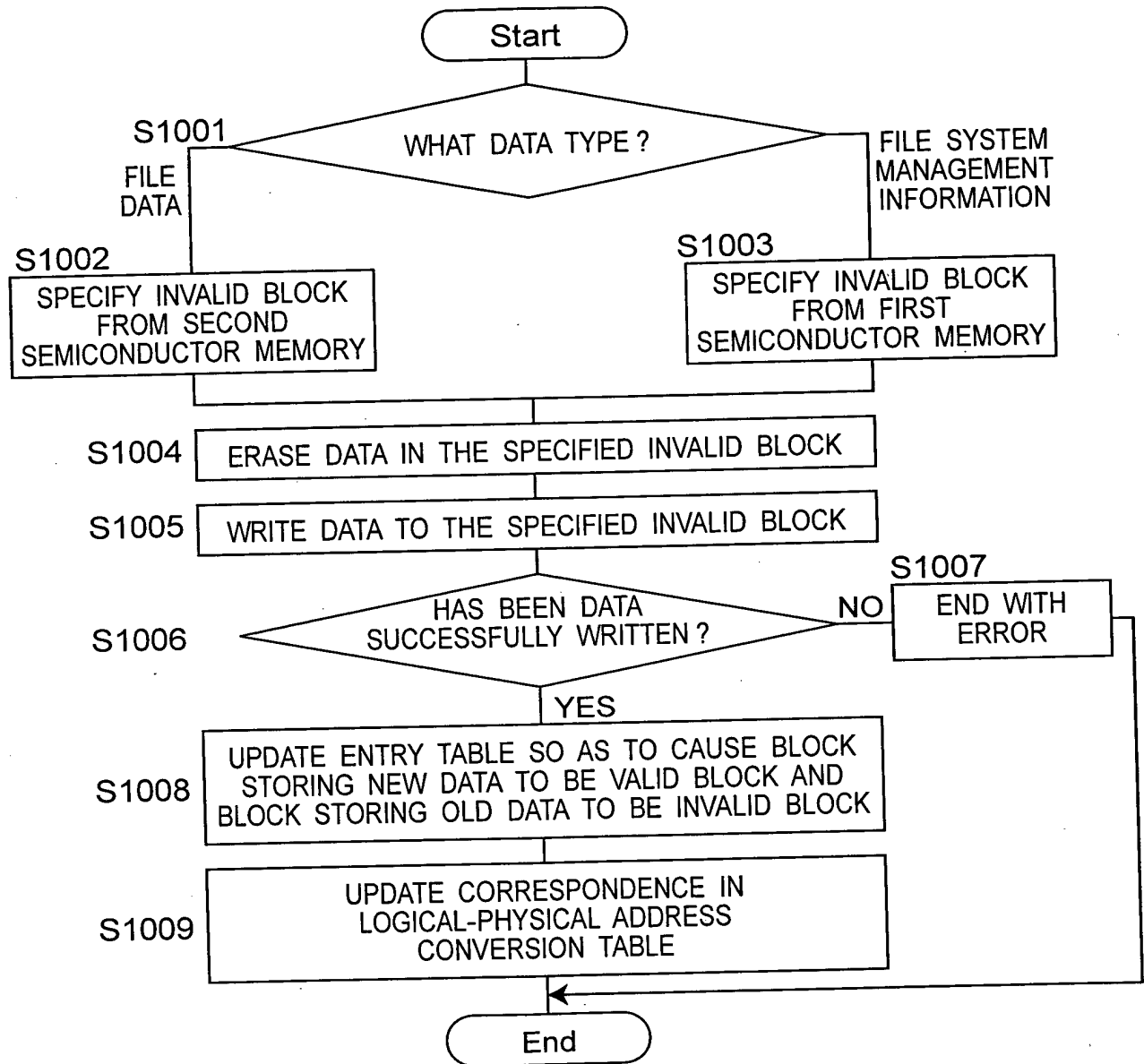


Fig.12

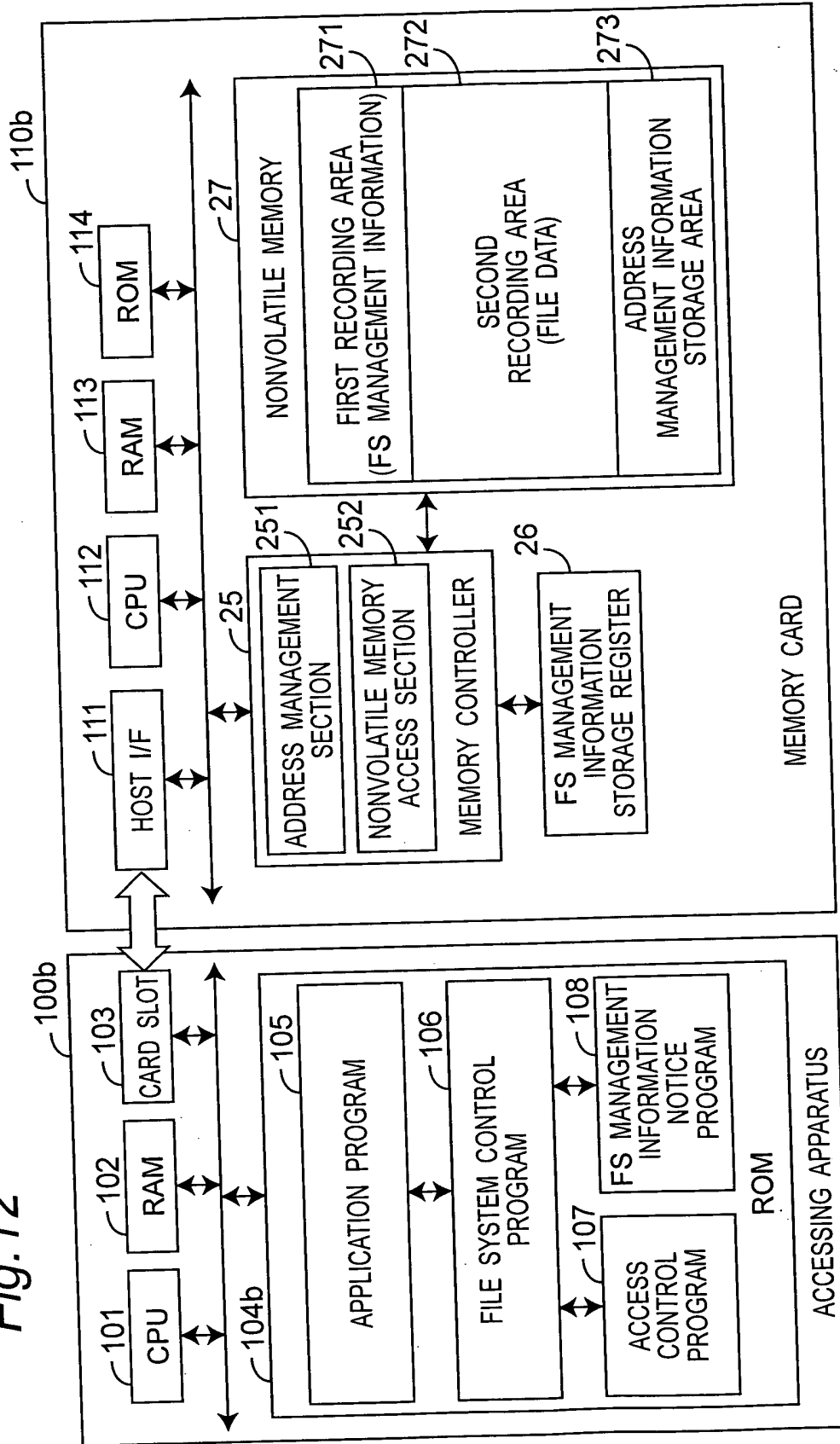


Fig. 13

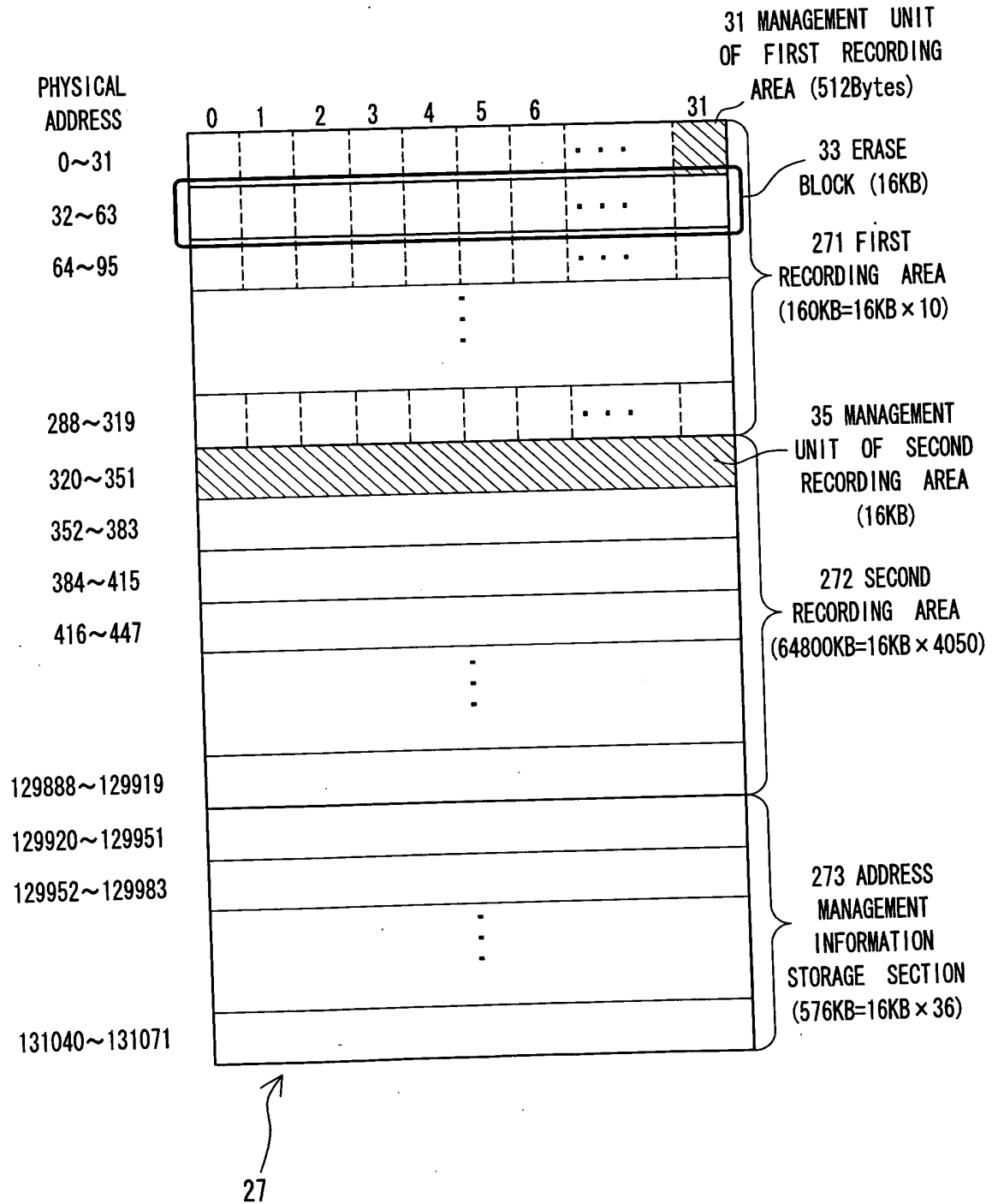


Fig. 14

51 LOGICAL-PHYSICAL ADDRESS CONVERSION TABLE

		LOGICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
LOGICAL ADDRESS	0~31	320	321	322	323	324	...	350	351
	32~63	352	353	354	355	356		382	383
	64~95	384	385	386	387	388		414	415
	96~127	416	417	418	419	420		446	447
	128~159	-	-	-	-	-		-	-
	160~191	-	-	-	-	-		-	-
	192~223	-	-	-	-	-		-	-
	224~255	-	-	-	-	-		-	-

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LINK TABLE

		PHYSICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
PHYSICAL ADDRESS	0~31	11	11	11	11	11	...	11	11
	32~63	11	11	11	11	11		11	11
	64~95	11	11	11	11	11		11	11
	⋮	⋮	⋮	⋮	⋮	⋮		⋮	⋮
	320~351	00	00	00	00	00		00	00
	352~383	00	00	00	00	00		00	00
	384~415	00	00	00	00	00		00	00
	416~447	00	00	00	00	00		00	00
	448~479	11	11	11	11	11		11	11

FOR
FIRST
RECORDING
AREAFOR
SECOND
RECORDING
AREA

00: VALID BLOCK
 11: INVALID BLOCK (ERASED)
 10: INVALID BLOCK (NOT ERASED)

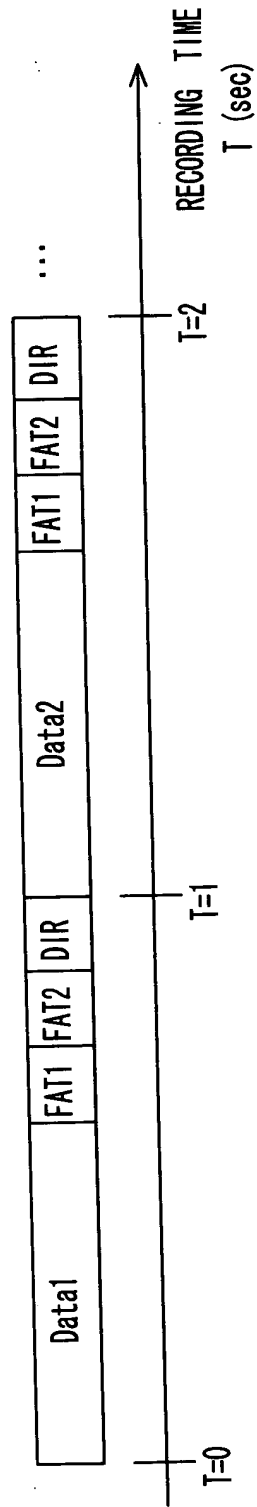
Fig. 15A

Fig. 15B

Seq.	COMMAND SEQUENCE			
1	SET POSITION INFORMATION OF FILE	SYSTEM INFORMATION (FAT1):SetFSInfoAddr (addr=32, size=1)		
2	SET POSITION INFORMATION OF FILE	SYSTEM INFORMATION (FAT2):SetFSInfoAddr (addr=34, size=1)		
3	SET POSITION INFORMATION OF FILE	SYSTEM INFORMATION (DIR):SetFSInfoAddr (addr=64, size=1)		
4	WRITE 16KB OF DATA:Write(addr=128, size=32)			
5	WRITE FAT1:Write(addr=32, size=1)			
6	WRITE FAT2:Write(addr=34, size=1)			
7	WRITE DIR:Write(addr=64, size=1)			
8	WRITE 16KB OF DATA:Write(addr=160, size=32)			
9	WRITE FAT1:Write(addr=32, size=1)			
10	WRITE FAT2:Write(addr=34, size=1)			
11	WRITE DIR:Write(addr=64, size=1)			
12	AFTERWARD, WRITE SIMILARLY FAT1, FAT2, AND DIR REPEATEDLY			

Fig. 16

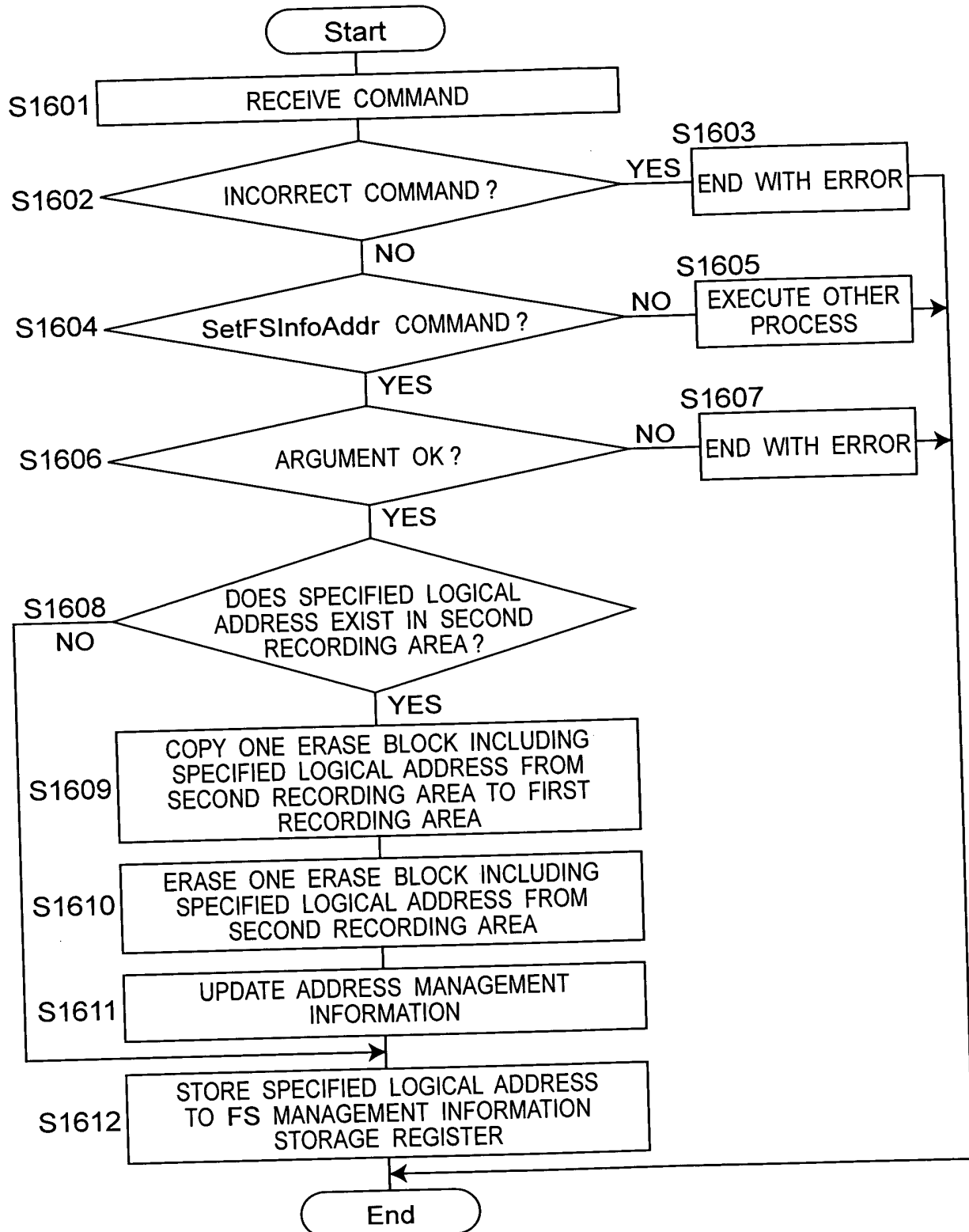


Fig.17

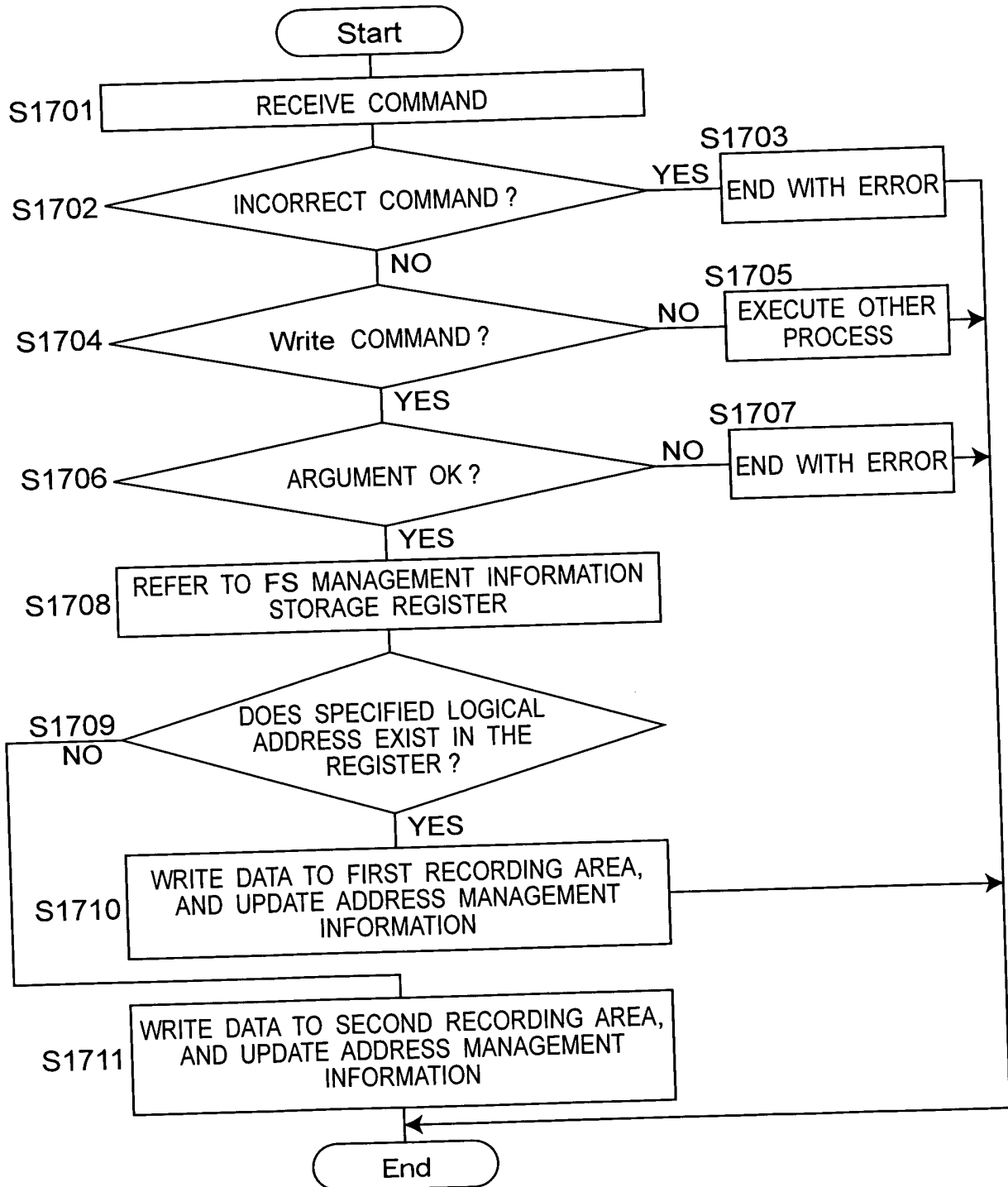


Fig. 18

51 LOGICAL-PHYSICAL ADDRESS CONVERSION TABLE

		LOGICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
LOGICAL ADDRESS	0~31	320	321	322	323	324	...	350	351
	32~63	0	1	2	3	4		30	31
	64~95	32	33	34	35	36		62	63
	96~127	416	417	418	419	420		446	447
	128~159	-	-	-	-	-		-	-
	160~191	-	-	-	-	-		-	-
	192~223	-	-	-	-	-		-	-
	224~255	-	-	-	-	-		-	-

53

LINK TABLE

		PHYSICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
PHYSICAL ADDRESS	0~31	00	00	00	00	00	...	00	00
	32~63	00	00	00	00	00		00	00
	64~95	11	11	11	11	11		11	11
	⋮	⋮	⋮	⋮	⋮	⋮		⋮	⋮
	320~351	00	00	00	00	00		00	00
	352~383	11	11	11	11	11		11	11
	384~415	11	11	11	11	11		11	11
	416~447	00	00	00	00	00		00	00
	448~479	11	11	11	11	11		11	11

FOR
FIRST
RECORDING
AREA

FOR
SECOND
RECORDING
AREA

Fig. 19

51
LOGICAL-PHYSICAL ADDRESS CONVERSION TABLE

		LOGICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
LOGICAL ADDRESS	0~31	320	321	322	323	324	...	350	351
	32~63	0	1	2	3	4		30	31
	64~95	32	33	34	35	36		62	63
	96~127	416	417	418	419	420		446	447
	128~159	352	353	354	355	356		382	383
	160~191	-	-	-	-	-		-	-
	192~223	-	-	-	-	-		-	-
	224~255	-	-	-	-	-		-	-

53
LINK TABLE

		PHYSICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
PHYSICAL ADDRESS	0~31	00	00	00	00	00	...	00	00
	32~63	00	00	00	00	00		00	00
	64~95	11	11	11	11	11		11	11
	⋮	⋮	⋮	⋮	⋮	⋮		⋮	⋮
	320~351	00	00	00	00	00		00	00
	352~383	00	00	00	00	00		00	00
	384~415	11	11	11	11	11		11	11
	416~447	00	00	00	00	00		00	00
	448~479	11	11	11	11	11		11	11

FOR FIRST
RECORDING
AREA

FOR SECOND
RECORDING
AREA

Fig. 20

51
LOGICAL-PHYSICAL ADDRESS CONVERSION TABLE

		LOGICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
LOGICAL ADDRESS	0~31	320	321	322	323	324	...	350	351
	32~63	64	1	65	3	4		30	31
	64~95	66	33	34	35	36		62	63
	96~127	416	417	418	419	420		446	447
	128~159	352	353	354	355	356		382	383
	160~191	-	-	-	-	-		-	-
	192~223	-	-	-	-	-		-	-
	224~255	-	-	-	-	-		-	-

53
LINK TABLE

		PHYSICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
PHYSICAL ADDRESS	0~31	10	00	10	00	00	...	00	00
	32~63	10	00	00	00	00		00	00
	64~95	00	00	00	11	11		11	11
	⋮	⋮	⋮	⋮	⋮	⋮		⋮	⋮
	320~351	00	00	00	00	00		00	00
	352~383	00	00	00	00	00		00	00
	384~415	11	11	11	11	11		11	11
	416~447	00	00	00	00	00		00	00
	448~479	11	11	11	11	11		11	11

FOR FIRST RECORDING AREA
 FOR SECOND RECORDING AREA

Fig. 21

51 LOGICAL-PHYSICAL ADDRESS CONVERSION TABLE

		LOGICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
LOGICAL ADDRESS	0~31	320	321	322	323	324	...	350	351
	32~63	64	1	65	3	4		30	31
	64~95	66	33	34	35	36		62	63
	96~127	416	417	418	419	420		446	447
	128~159	352	353	354	355	356		382	383
	160~191	384	385	386	387	388		414	415
	192~223	-	-	-	-	-		-	-
	224~255	-	-	-	-	-		-	-

53

LINK TABLE

		PHYSICAL ADDRESS (LOWER 5 BITS)							
		0	1	2	3	4	...	30	31
PHYSICAL ADDRESS	0~31	10	00	10	00	00	...	00	00
	32~63	10	00	00	00	00		00	00
	64~95	00	00	00	11	11		11	11
	⋮	⋮	⋮	⋮	⋮	⋮		⋮	⋮
	320~351	00	00	00	00	00		00	00
	352~383	00	00	00	00	00		00	00
	384~415	00	00	00	00	00		00	00
	416~447	00	00	00	00	00		00	00
	448~479	11	11	11	11	11		11	11

FOR FIRST RECORDING AREA

FOR SECOND RECORDING AREA